



## Episode Synopses for January 2022

Feed Date	Episode #	Synopsis
01.05.22	#B-115	Jordan from Barrie, Ontario presents his invention “Greener Concrete”, a light, energy efficient concrete that he hopes will revolutionize the construction industry. Devon from Winnipeg, Manitoba presents his “Modular Robot”. His invention can travel the toughest terrain -- going places humans and cars cannot. Jordan leads Team Edison against Devon and Team Einstein to see who can build the most Radical Recycler. But before the big Invent- Off challenge, both teams must compete in a mini-challenge for a reward. In the Water Balloon Launcher mini challenge, the teams build launchers and launch water balloons at targets.
01.12.22	#B-116	Brian from Hanna, Alberta presents the “Safe-D-Pet Monitor” a device that monitors pets in parked vehicles. Tyler, from Sudbury, Ontario presents the “E-Z Glide Sliding Rail Anchor” a safety device that keeps rail workers safe while they repair train tracks on bridges. Excitement mounts as Tyler and Team Einsteinsquare off against Brian and Team Edison to design and build a motorized Robo Artist in the big Invent-off Challenge. But first, the teams compete to build a Mighty Bridge in the mini challenge. The winner gains an advantage over the other team in the Invent Off.
01.19.22	#B-117	Isabella and Riley from Canmore, Alberta present their “Compawst Bin” a rugged compost bin designed to keep bears out. Connor and Spencer from Sudbury, Ontario present their new “Biodegradable Plastic”. They hope their invention will help reduce the number of plastic grocery bags in landfill sites. Riley and Isabella lead Team Edison against Spencer, Connor and Team Einstein in the Invent-Off Challenge to see who can create the best Pet Habitat. But first, each team must compete to build a UFO in the mini challenge. The team that builds the UFO that stays in the air the longest wins an advantage for the big Invent Off.
01.26.22	#B-118	Daniel from Belle River, Ontario presents his “Magnet Generator”, an environmentally friendly invention that uses magnets to charge bicycle lights. Meagan from Windsor, Ontario presents her “Solar Oven.” Meagan’s invention harnesses the power of the sun to cook food using no gas or electricity! Daniel leads Team DaVinci against Meagan who leads Team Newton in the big Invent-Off Challenge which requires that they create a solar powered Firefly Light. But first, the teams compete to build an egg Space Landing device in the mini challenge. The team that builds the device that best protects an egg wins a reward for the Invent-off Challenge.
02.02.22	#B-119	Alex from Vancouver, British Columbia presents his amazing prosthetic the “Robotic Hand”. Mike from North Bay, Ontario presents the “Ice Ace,” a portable Zamboni everyone can use! Led by Alex, Team DaVinci squares off against Mike and Team Newton to see who can create the best motorized Dust Bunny in the Invent-off Challenge. But first, the teams build the chairs out of cardboard and cable ties in the Cable Tie Chair mini challenge. The team that builds the chair that can hold the team leader the longest wins an advantage for the big Invent Off.